



**PCR Quantification Detailed Report**  
**PCR Base Line Subtracted Curve Fit Data (FAM)**  
Contains All Available Data

**General Data**

Data File Name	Luitpold Salivary cDNA RPLN gapdh 4-11-12.opd
Data File Path	C:\Program Files\Bio-Rad\iQ5\Users\Craig
Collected Data	<b>Collected Data</b>
Current Date	4/11/2012 3:29:58 PM
Run Date	4/11/2012 11:39:56 AM
User aborted the run	No
Active RMEs	Original
Active Well Factors	Dynamic
Background Readings Valid	Yes
RME Valid	Yes
Well Factors Valid	Yes
Plate Setup File Name	Luitpold Salivary cDNA RPLN gapdh 4-11-12.pts
Plate Setup File Path	C:\Program Files\Bio-Rad\iQ5\Users\Craig
Protocol File Name	FIV-PPR.C36.tmo
Protocol File Path	C:\Program Files\Bio-Rad\iQ5\Users\Jesse
Computer name	HP30948312737
Created by app	iQ5.exe (v2.0.148.60623. (OS-Microsoft Windows NT 5.1.2600.0.Service Pack 2, CLR-1.1.4322.2032, Culture-en-US).)
Created by user	BioRad\admin
Creation Date	4/11/2012 11:39:56 AM
Created in Security Edition	No
Last Creation GUID	36c4573c-6b22-47da-a908-df74166474bb
Modified by user	BioRad\admin
Last modified date	4/11/2012 11:39:56 AM
OS Build and Service Pack	2600 (Service Pack 2)
Report differs from last save	Yes

**Notes:**

**Protocol:**

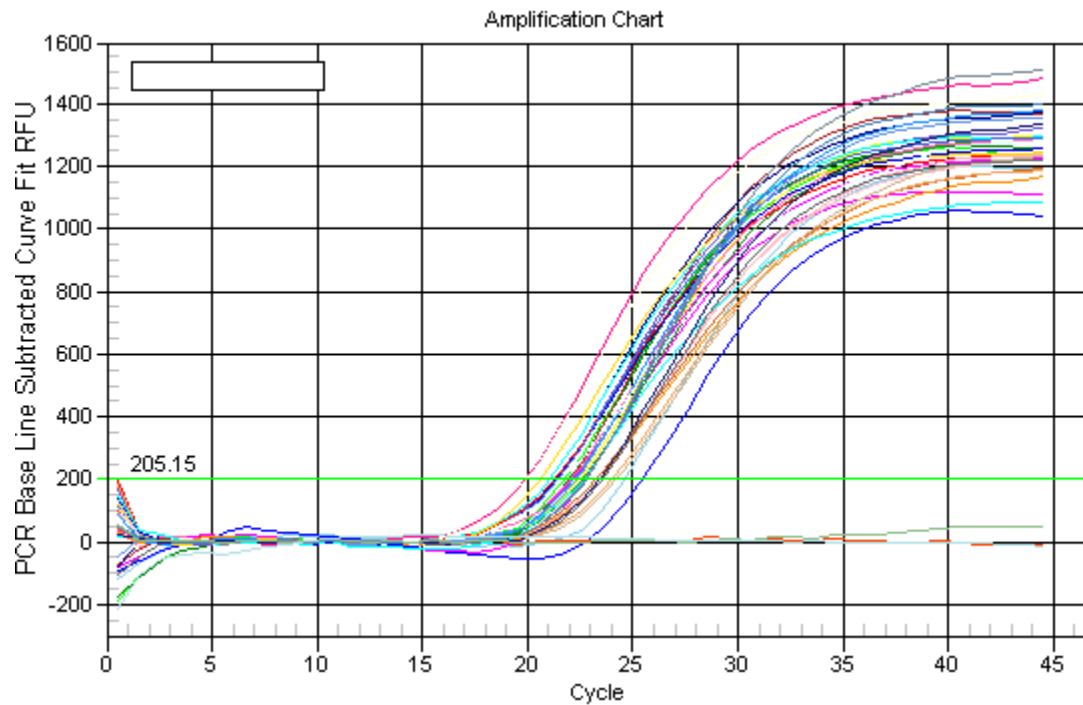
Cycle 1: (1X)		
Step 1:	55.0 °C	for 02:00.
Cycle 2: (1X)		
Step 1:	95.0 °C	for 08:30.
Cycle 3: (45X)		
Step 1:	95.0 °C	for 00:15.
Step 2:	60.0 °C	for 01:00.
Data collection and real-time analysis enabled.		

**Modified Protocol:**

Protocol unchanged

## PCR Quantification Data

### PCR Amp/Cycle Chart



## Standard Curve Data

### Standard Curve Chart

Not available

Fluor	PCR Efficiency(%)	R Squared	Slope	y-Intercept
FAM	100.0	0.000	0.000	0.000

Fluor	Units Changed?	Quantity Units	Original Units
FAM	No	copy number	copy number

Number of valid standard wells: **None**

### Standard Curve Spreadsheet Data

Fluor	Well	Type	Ident.	Rep	Ct	Log SQ	SQ	SQ Mean	SQ SD	Ct Mean	Ct SD	Set Point
FAM	A01	Unkn	4326	1	21.90	N/A	0.00E+00	0.00E+00	0.00E+00	22.01	0.166	N/A
FAM	A02	Unkn	4326	1	22.13	N/A	0.00E+00	0.00E+00	0.00E+00	22.01	0.166	N/A
FAM	A03	Unkn	4661	9	24.67	N/A	0.00E+00	0.00E+00	0.00E+00	25.11	0.625	N/A
FAM	A04	Unkn	4661	9	25.56	N/A	0.00E+00	0.00E+00	0.00E+00	25.11	0.625	N/A
FAM	A05	Unkn	4671	17	22.87	N/A	0.00E+00	0.00E+00	0.00E+00	22.51	0.504	N/A
FAM	A06	Unkn	4671	17	22.15	N/A	0.00E+00	0.00E+00	0.00E+00	22.51	0.504	N/A

FAM	B01	Unkn	4651	2	21.20	N/A	0.00E+00	0.00E+00	0.00E+00	21.34	0.207	N/A
FAM	B02	Unkn	4651	2	21.49	N/A	0.00E+00	0.00E+00	0.00E+00	21.34	0.207	N/A
FAM	B03	Unkn	4662	10	22.62	N/A	0.00E+00	0.00E+00	0.00E+00	22.69	0.094	N/A
FAM	B04	Unkn	4662	10	22.76	N/A	0.00E+00	0.00E+00	0.00E+00	22.69	0.094	N/A
FAM	C01	Unkn	4653	3	21.19	N/A	0.00E+00	0.00E+00	0.00E+00	21.30	0.148	N/A
FAM	C02	Unkn	4653	3	21.40	N/A	0.00E+00	0.00E+00	0.00E+00	21.30	0.148	N/A
FAM	C03	Unkn	4663	11	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	C04	Unkn	4663	11	20.09	N/A	0.00E+00	0.00E+00	0.00E+00	20.09	0.000	N/A
FAM	D01	Unkn	4654	4	22.28	N/A	0.00E+00	0.00E+00	0.00E+00	22.22	0.079	N/A
FAM	D02	Unkn	4654	4	22.17	N/A	0.00E+00	0.00E+00	0.00E+00	22.22	0.079	N/A
FAM	D03	Unkn	4665	12	23.59	N/A	0.00E+00	0.00E+00	0.00E+00	23.60	0.004	N/A
FAM	D04	Unkn	4665	12	23.60	N/A	0.00E+00	0.00E+00	0.00E+00	23.60	0.004	N/A
FAM	E01	Unkn	4655	5	23.50	N/A	0.00E+00	0.00E+00	0.00E+00	23.54	0.066	N/A
FAM	E02	Unkn	4655	5	23.59	N/A	0.00E+00	0.00E+00	0.00E+00	23.54	0.066	N/A
FAM	E03	Unkn	4666	13	24.17	N/A	0.00E+00	0.00E+00	0.00E+00	24.27	0.138	N/A
FAM	E04	Unkn	4666	13	24.37	N/A	0.00E+00	0.00E+00	0.00E+00	24.27	0.138	N/A
FAM	F01	Unkn	4657	6	20.14	N/A	0.00E+00	0.00E+00	0.00E+00	20.41	0.388	N/A
FAM	F02	Unkn	4657	6	20.68	N/A	0.00E+00	0.00E+00	0.00E+00	20.41	0.388	N/A
FAM	F03	Unkn	4667	14	21.49	N/A	0.00E+00	0.00E+00	0.00E+00	21.54	0.063	N/A
FAM	F04	Unkn	4667	14	21.58	N/A	0.00E+00	0.00E+00	0.00E+00	21.54	0.063	N/A
FAM	G01	Unkn	4658	7	22.50	N/A	0.00E+00	0.00E+00	0.00E+00	22.44	0.084	N/A
FAM	G02	Unkn	4658	7	22.38	N/A	0.00E+00	0.00E+00	0.00E+00	22.44	0.084	N/A
FAM	G03	Unkn	4669	15	22.84	N/A	0.00E+00	0.00E+00	0.00E+00	22.30	0.776	N/A
FAM	G04	Unkn	4669	15	21.75	N/A	0.00E+00	0.00E+00	0.00E+00	22.30	0.776	N/A
FAM	H01	Unkn	4659	8	23.70	N/A	0.00E+00	0.00E+00	0.00E+00	23.65	0.077	N/A
FAM	H02	Unkn	4659	8	23.59	N/A	0.00E+00	0.00E+00	0.00E+00	23.65	0.077	N/A
FAM	H03	Unkn	4670	16	22.91	N/A	0.00E+00	0.00E+00	0.00E+00	22.89	0.030	N/A
FAM	H04	Unkn	4670	16	22.87	N/A	0.00E+00	0.00E+00	0.00E+00	22.89	0.030	N/A
FAM	H11	NTC	-	1	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A
FAM	H12	NTC	-	1	N/A	N/A	0.00E+00	0.00E+00	0.00E+00	.00	0.000	N/A

## **Run Parameters**

Hot Start? **No**  
Temperature Control Mode: **Algorithmic**  
Volume: **25 ul**

## **Data Analysis Parameters**

### ***Display Controls***

Fluor **Display Mode**  
FAM **SinglePoint**

### ***Data Selection***

Fluor **Data Window** **Center**  
**Size**  
FAM **99%** **End**

### ***Digital Filtering***

Fluor **Global Filter** **PCR Digital** **Smoothing Filter**  
**Enabled?** **Filter Type** **Desired Width**  
FAM **Off** **Weighted Mean** **5**

### ***PCR Data Analysis Method***

Fluor **Data Analysis Method**  
FAM **PCR Base Line Subtracted Curve Fit**

## **PCR Baseline Data Analysis Parameters**

### ***Baseline Calculation***

Fluor **Baseline** **Auto Baseline** **Global Baseline Cycles**

	<b>Method</b>	<b>Cycle Calculation?</b>	<b>Start</b>	<b>End</b>
FAM	Data Window	Yes	N/A	N/A

***Overriden Baseline Cycles***      None

***Threshold Calculation***

<b>Fluor</b>	<b>Use Auto</b>	<b>Auto Calculated</b>	<b>User Defined</b>
	<b>Threshold?</b>	<b>Threshold Value</b>	<b>Threshold Value</b>
FAM	No	21.86	205.15

***Excluded Wells***

Excluded Well Count:      0

***Modified Wells***

Modified Well Count:    0

**End**